year 3
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project

Client-side Renderer for Jade

Description

Client-side Renderer for Jade (CR4J) is a helper to easily load, compile and render your Jade templates client-side released under the MIT license.

It supports inlined templates defined in your HTML and also external ones that will be fetched from the server automatically.

The project page is: http://coderesearchlabs.com/cr4j

To learn more about how to use it, check the Usage section of this documentation.

NOTES:

- It's global imports, Jade and jQuery (http://jquery.com, used mainly to deferred-get your templates), must be present to get it working.
- Due to the way it loads the templates, be sure the libraries that are combined with this one in your project support this DOM manipulation correctly (for example, watch out for UI libraries that rely in jQuery's ready event to initialize properly). In any case, and besides you might chose not to use it in production for this and/or other reasons (for example, Jade was designed to be used server-side), **CR4J** is still really handy in the development stage to craft manually your Jade scripts quickly.
- All of it's source code is in strict-mode.
- It includes 3 demos (the "inlined" one can be loaded locally directly in any browser without being web served).
- It has been tested in all major browsers (Internet Explorer, Chrome, Firefox, Opera and Safari) with expected results.
- To learn more about Jade's official browser support, please visit https://github.com/visionmedia/jade#browser-support.

Enjoy,
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Usage

To use **CR4J** just call loadTemplates() and inside the callback asked as parameter call renderTemplate() for each template you want to render. Here is a minimal example:

```
<html>
<head>
<script type="text/javascript" src="scripts/jquery.min.js"></script>
<script type="text/javascript" src="scripts/jade.min.js"></script>
<script type="text/javascript" src="scripts/cr4j.min.js"></script>
<script type="text/template" id="minimal-jade">
#container #{text}
</script>
<script>
cr4j.loadTemplates(function() {
  document.write(
    cr4j.renderTemplate("minimal-jade", { text: "Hello World" })
  );
});
</script>
</head>
</html>
```

Please, check the demos included to see more "complex" examples.

To get a full list of routines provided by **CR4J**, just check the API section of this documentation.

API

CR4J offers the following public members to work with:

General

CR4J **setParameters**(*parameters*);

this fluent method allows you to set CR4J options:

- **path**: *is the path from where your remote jade templates will be loaded*
- **suffix**: *is the suffix of your jade template declarations*
- **extension**: *is the extension of your remote jade template files*

undefined **loadTemplates**(*callback*);

this method loads your jade templates (all of them, local and remote) and finally calls back to the given callback (usually you will render your templates there)

string **renderTemplate**(*name, locals*);

this method renders (as the returned string) the jade template that matches the given name and with the given locals

Fields

object **templates**;

this is the collection of loaded templates, useful to perform the manual iteration for rendering purposes

License

Tools

In the development of **Client-side Renderer for Jade** the following tools were specifically involved:

for source code minifying
Douglas Crockford's JSMin
https://github.com/douglascrockford/JSMin

When working at **Code Research Laboratories** the following tools are used:

in the test management field
Gurock Software's TestRail
http://www.gurock.com/testrail/

in the version control field
VisualSVN Ltd's VisualSVN
http://www.visualsvn.com/

in the similarity analysing field
RedHill Consulting's Simian
http://www.redhillconsulting.com.au/products/simian/

in the application lifecycle management field
Inedo's BuildMaster
http://www.inedo.com/buildmaster/

in the documentation field
EC Software's Help & Manual
http://www.ec-software.com/products_hm_overview.html

in the Java source code edition field
JetBrains's IntelliJ IDEA
http://www.jetbrains.com/idea/

in the bug tracking field
JetBrains's YouTrack
http://www.jetbrains.com/youtrack/

History

DATE	DESCRIPTION
2013.03.11	initial development
2013.03.23	first public release